RUPTURED ABDOMINAL AORTIC ANEURYSMS

trary to some reports, advanced age is not per se a deterrent to achieving survival in this group of patients.²¹ Certain technical factors contribute to survival as described above. Early use of tracheostomy and hemodialysis can lead to improved survival if postoperative respiratory insufficiency or renal failure has developed.

The ratio of ruptured to unruptured abdominal aortic aneurysms is still too high in our experience and reflects a reluctance on the part of some physicians to recommend elective surgical operation for patients with an abdominal aortic aneurysm. Since the combined operative mortality and late graft failure rate with elective aneurysmectomy is under 5 percent, all abdominal aortic aneurysms with few exceptions should be surgically treated before rupture occurs.

REFERENCES

- 1. Hardin CA: Survival and complications after 121 surgically treated abdominal aneurysms. Surg Gyneco/Obstet 118:541-544, 1964
- 2. Sanger PW, Robicsek F, Taylor FT, et al: Ruptured aneurysm of the abdominal aorta. North Carolina Med J 25:501-506, 1964
- 3. Martin P: Ruptured abdominal aortic aneurysm. Proc Royal Coll Surg Eng 867-868, 1965
- 4. Tracy GD, Reeve TS: Mortality factors in aortic aneurysms. Aust New Zeal J Surg 35:85-93, 1965

- 5. Lawrence MS, Crosby VG, Ehrenhaft JL: Ruptured abdominal aortic aneurysm. Ann Thorac Surg 2:159-165, 1966
- 6. Szilagyi DE, Smith RF, DeRusso FJ, et al: Contributions of abdominal aortic aneurysmectomy to prolongation of life—Twelveyear review of 480 cases. Ann Surg 164:678-699, 1966
- 7. Kouchoukos NT, Levy JF, Butcher HR Jr: Mortality from ruptured abdominal acrtic aneurysm. Am J Surg 113:232-235, 1967 8. Graham AL, Najafi H, Dye WS, et al: Ruptured acrtic aneurysm. Arch Surg 97:1024-1031, 1968
- 9. Gwinn CB, Oury JH: A review of abdominal aneurysms at the Naval Hospital, San Diego, California. Am Surg 34:142-144, 1968
- 10. Berne TV, Wilkinson G: Ruptured abdominal aortic aneurysm. Am Surg 35:36-39, 1969
- 11. Van Hecckeren DW: Ruptured abdominal aortic aneurysm. Am J Surg 119:402-407, 1970
- 12. Darling RC: Ruptured arteriosclerotic abdominal aortic aneurysm. Am J Surg 119:397-401, 1970
- 13. Alpert J, Brief DK, Parsonnet V: Surgery for ruptured abdominal aortic aneurysm. JAMA 212:1355-1359, 1970
- 14. DeBakey ME, Crawford ES, Cooley DA, et al: Aneurysms of abdominal aorta—Analysis of graft replacement therapy 1-11 years after operation. Ann Surg 160:622-638, 1964
- 15. Mannick TA, Brooks JW, Bosher LH Jr, et al. Ruptured aneurysm of the abdominal aorta. N Engl J Med 271:915-920, 1964
- 16. Chiariello L, Reul GJ Jr, Wukasch DC, et al: Ruptured abdominal aortic aneurysm—Treatment and review of 87 patients. Am J Surg 128:735-738, 1974
- 17. Ludewig RM, Wangensteen SL: Aortic bleeding and the effect of external counterpressure. Surg Gyneco/Obstet 128:252-258, 1969
- 18. Beall AC Jr, Holman MR, Morris GC Jr, et al: Mannitolinduced osmotic diuresis during vascular surgery—Renal hemodynamic effects. Arch Surg 86:34-42, 1963
- 19. Peters G, Brunner H: Mannitol diuresis in hemorrhagic hypotension. Am J Physiol 204:553-562, 1963
- 20. Powers SR Jr, Boba A, Hostnik W, et al: Prevention of postoperative acute renal failure with mannitol in 100 cases. Surgery 55:15-22, 1964
- 21. Edmunds LH: Resection of abdominal aortic aneurysm in octogenarians. Ann Surg 165:453-456, 1967

Medical Treatment of Duodenal Ulcer

... By taking antacid one and three hours after a meal (if the patient will take the medicine), gastric acidity is maintained at low level for some three to four hours after a meal. I must emphasize, though, that while this is possible to do in a hospital, it is difficult with patients when they return home. Generally speaking, patients do not take antacids when they are prescribed to them over long periods. Some data: Roth and Burger in 1960 studied patients in hospital who had antacids prescribed for them (generally the amount of antacid ordered was eight ounces per day); when they analyzed how much was taken by the patient, it was only about 3½ ounces per day, or about 42 percent of that which was prescribed. This was in a hospital and if that happens in a hospital, I am sure it is much worse at home. I want to emphasize, however, that I think with the proper kind of doctor-patient relationship and with proper instruction and emphasis to the patient, we can do much better than that, but this remains to be proved.

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